SCGF Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SCGF, Polyclonal Antibody
Full Product Name	SCGF Conjugated Antibody
Product Gene Name	anti-SCGF antibody
Product Synonym Names	CLECSF3; LSLCL; SCGF; C-type lectin domain family 11 member A; C-type lectin superfamily member 3; Lymphocyte secreted C-type lectin; Stem cell growth factor; p47
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Specificity	Recognizes endogenous levels of SCGF protein.
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	323
OMIM	604713
3D Structure	ModBase 3D Structure for Q9Y240
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human SCGF.
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-SCGF antibody	Most Applications
Application Notes for anti-SCGF antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-SCGF antibody	MBS9455775 is an antibody targeting SCGF. Also known as SCGF Conjugated Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-SCGF antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SCGF. It may not necessarily be applicable to this product.

NCBI GI #	34223087

NCBI GeneID	6320
NCBI Accession #	Q9Y240.1
UniProt Primary Accession #	Q9Y240
UniProt Secondary Accession #	B2RAD4
UniProt Related Accession #	Q9Y240
NCBI Official Full Name	C-type lectin domain family 11 member A
NCBI Official Synonym Full Names	C-type lectin domain family 11, member A
NCBI Official Symbol	CLEC11A
NCBI Official Synonym Symbols	P47; SCGF; LSLCL; CLECSF3
UniProt Protein Name	C-type lectin domain family 11 member A
UniProt Synonym Protein Names	C-type lectin superfamily member 3; Lymphocyte secreted C-type lectin; Stem cell growth factor; p47
UniProt Gene Name	CLEC11A
UniProt Synonym Gene Names	CLECSF3; LSLCL; SCGF
UniProt Entry Name	CLC11_HUMAN
NCBI Protein Information	C-type lectin domain family 11 member A; stem cell growth factor; lymphocyte secreted C-type lectin; C-type lectin superfamily member 3; lymphocyte secreted long form of C-type lectin; C-type (calcium dependent, carbohydrate-recognition domain) lectin, su
NCBI Summary for SCGF	This gene encodes a member of the C-type lectin superfamily. The encoded protein is a secreted sulfated glycoprotein and functions as a growth factor for primitive hematopoietic progenitor cells. An alternative splice variant has been described but its biological nature has not been determined. [provided by RefSeq, Jul 2008]
UniProt Comments for SCGF	CLEC11A: Stimulates the proliferation and differentiation of hematopoietic precursor cells from various lineages, including erythrocytes, lymphocytes, granulocytes and macrophages. Acts synergistically with other cytokines, including IL-3, GCSF, GMCSF and FLT3 ligand. Suppresses SCF-stimulated erythrocyte proliferation. Protein type: Secreted, signal peptide; Secreted Chromosomal Location of Human Ortholog: 19q13.3 Cellular Component: extracellular space; cytoplasm; extracellular region Molecular Function: growth factor activity; carbohydrate binding Biological Process: positive regulation of cell proliferation
Research Articles on SCGF	**1.** This is the first report of SCGF beta in heart failure patients.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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